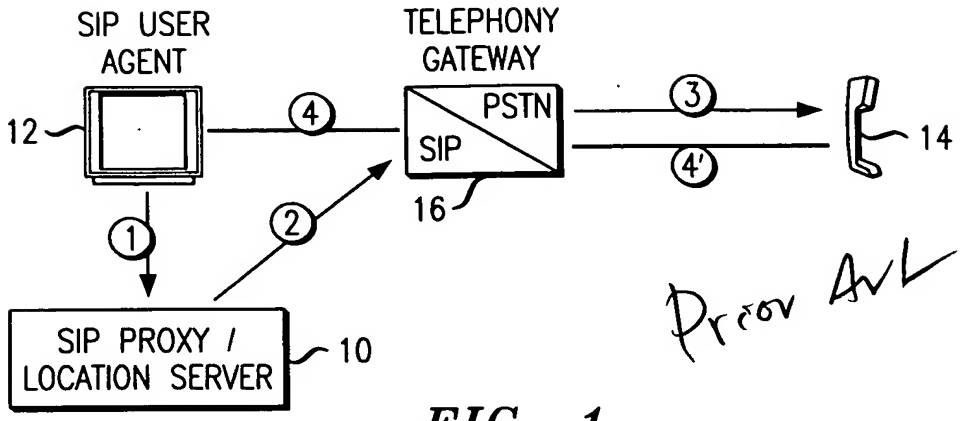


FIG. 1

CALL SETUP FOR 'SIP TO FIXED-WIRE PSTN' INTERWORKING

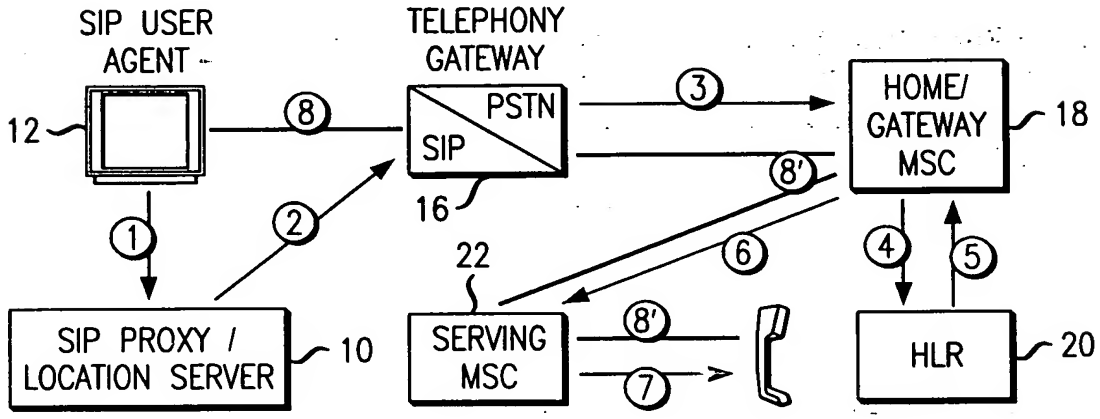


FIG. 2

CALL SETUP FOR 'SIP TO MOBILE' INTERWORKING

Prior Art

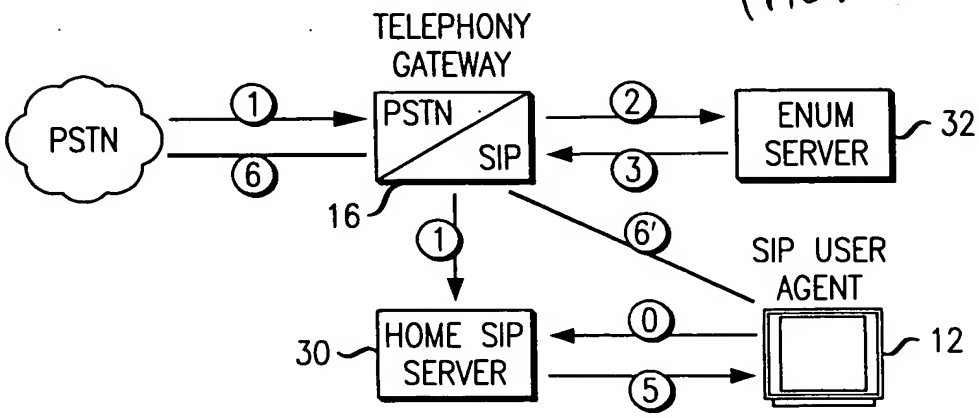


FIG. 3

CALL SETUP FOR 'PSTN TO SIP' INTERWORKING

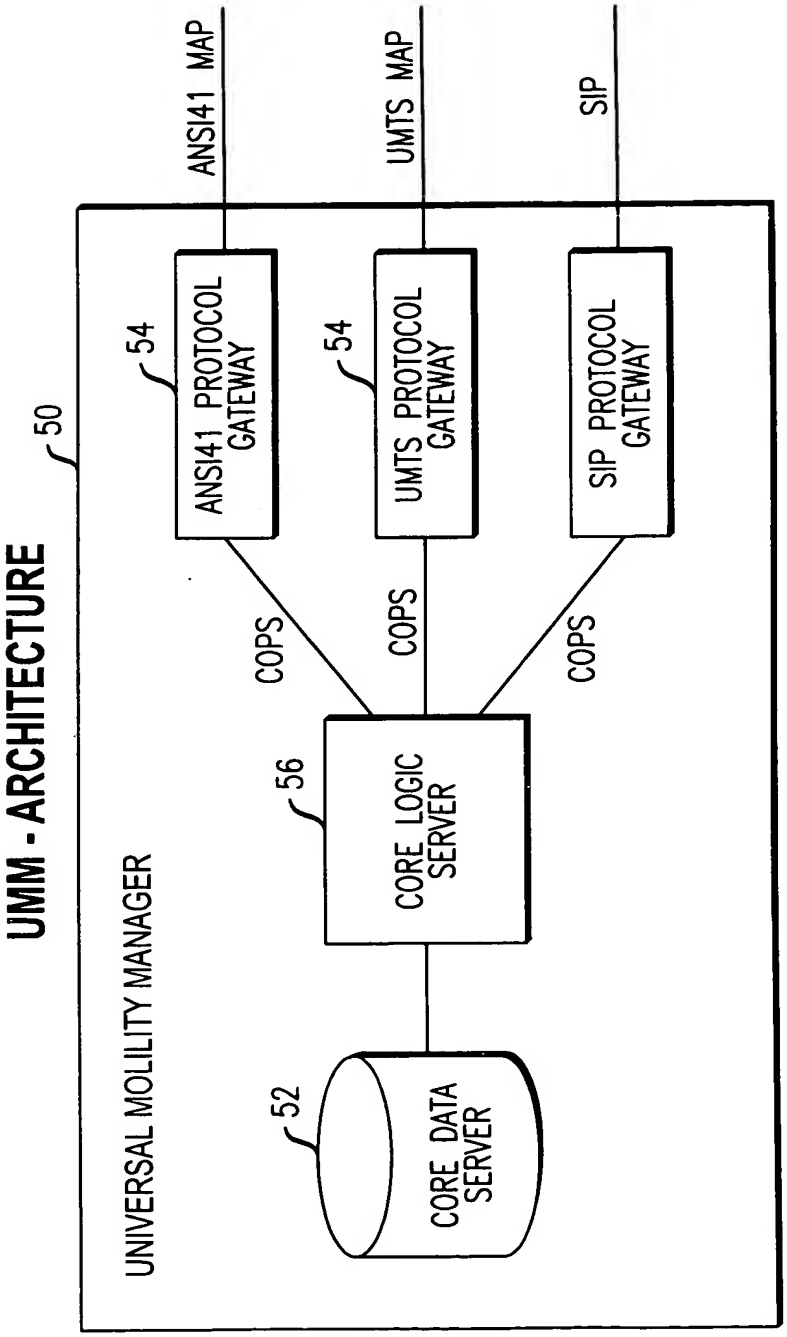

UMM - ARCHITECTURE
50
UNIVERSAL MOLILITY MANAGER
ANSI41 MAP
UMTS MAP
SIP
54
ANSI41 PROTOCOL GATEWAY
54
UMTS PROTOCOL GATEWAY
SIP PROTOCOL GATEWAY
COPS
COPS
COPS
56
CORE LOGIC SERVER
52
CORE DATA SERVER

FIG. 4

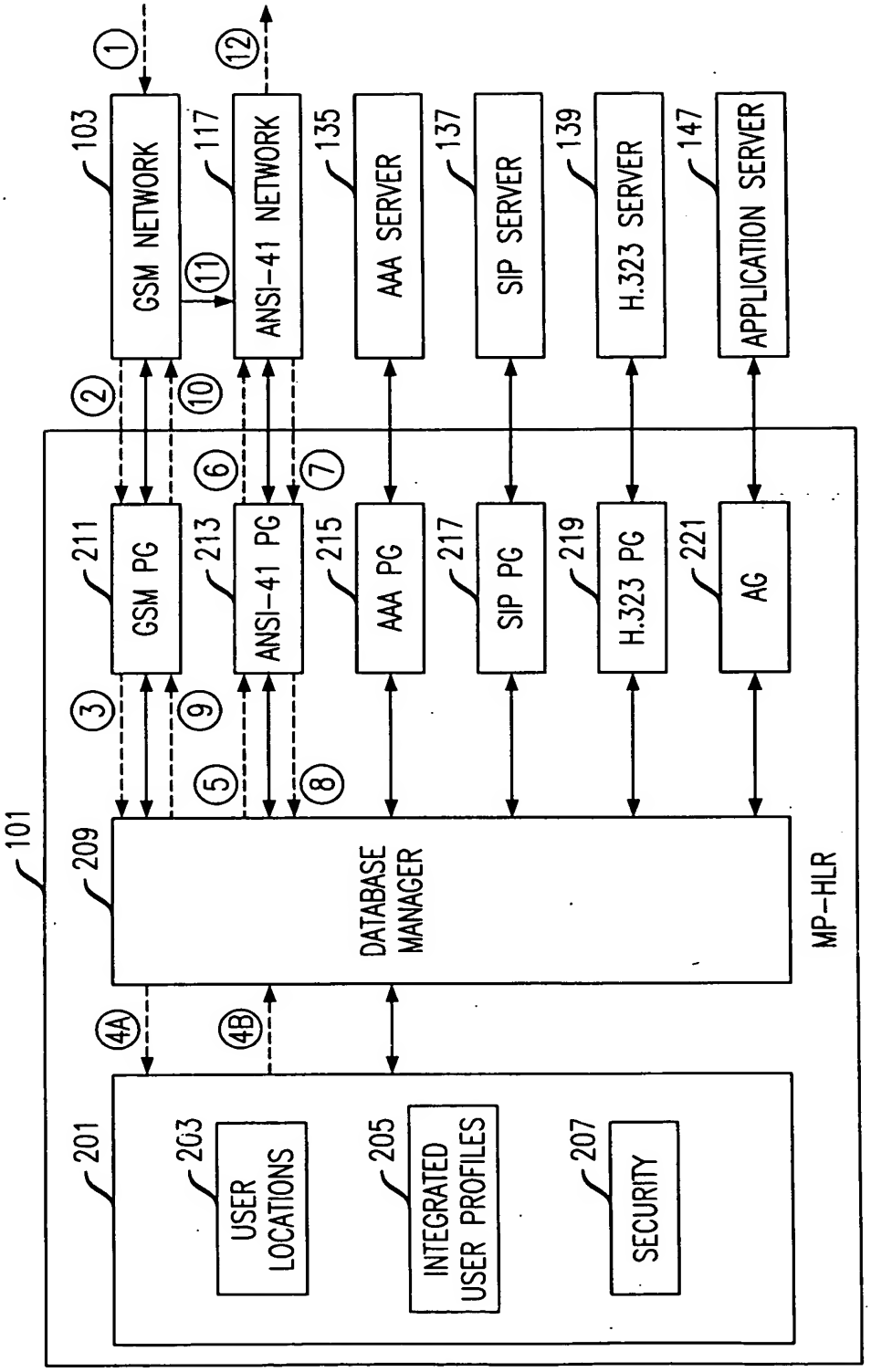

101
MP-HLR
209
DATABASE MANAGER
201
203
USER LOCATIONS
205
INTEGRATED USER PROFILES
207
SECURITY
211
GSM PG
213
ANSI-41 PG
215
AAA PG
217
SIP PG
219
H.323 PG
221
AG
103
GSM NETWORK
117
ANSI-41 NETWORK
135
AAA SERVER
137
SIP SERVER
139
H.323 SERVER
147
APPLICATION SERVER
1
2
3
4A
4B
5
6
7
8
9
10
11
12

FIG. 5

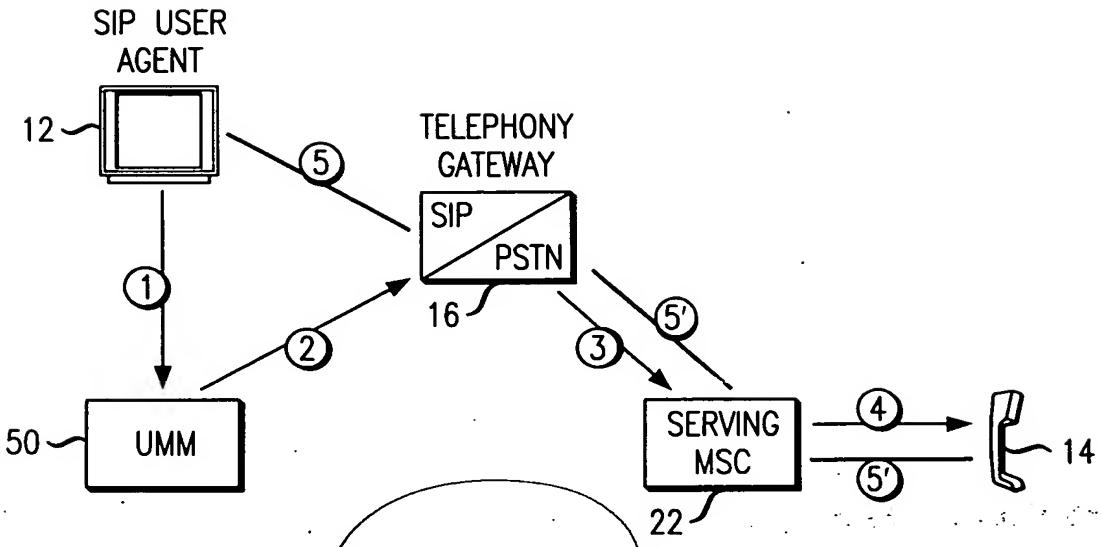
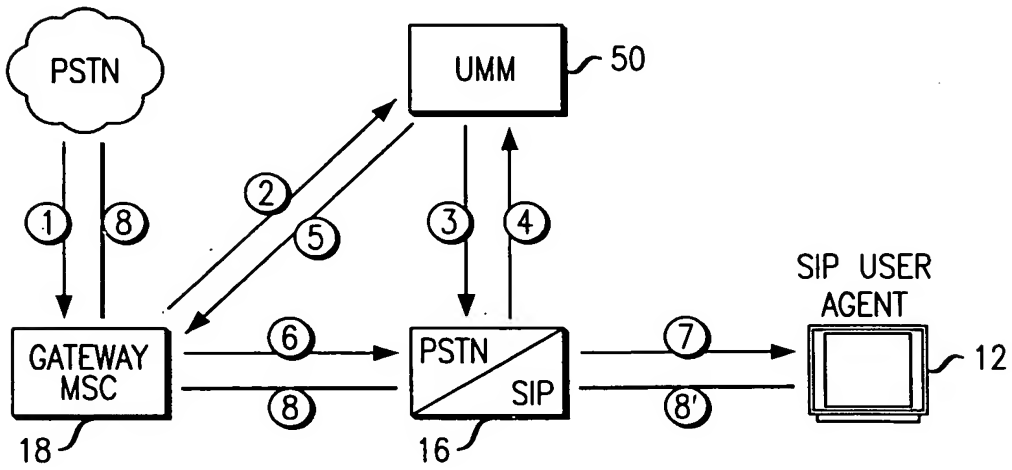


FIG. 6

CALL SETUP FOR 'SIP TO MOBILE' INTERWORKING WITH UMM



CALL SETUP FOR 'PSTN TO SIP' INTERWORKING WITH UMM